INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014447

A. CLASSIFIC	CATION OF SUBJECT MATTER		
	(2006.01), HO4N7/20 (2006.01),	HO4B10/00 (2006.01),	
H04B10/12	2 (2006.01)		
According to In	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	
B. FIELDS SE	EARCHED		
	mentation searched (classification system followed by c	· ·	
	(2006.01), <i>H04N7/20</i> (2006.01), ? (2006.01)	HO4B10/00 (2006.01),	
HU4B10/12	2 (2006.01) .		
	searched other than minimum documentation to the extension Shinan Koho 1922-1996 J		e fields searched 1996-2005
_	itsuyo Shinan Koho 1971-2005 Te		
Electronic data h	pase consulted during the international search (name of	data hase and where practicable search to	erme nead)
Licetronic data t	base consumed during the international scarch (name of	data base and, where practicable, search to	ins used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.
X	JP 4-280521 A (Nippon Telegr	aph And Telephone	1-8
	Corp.),		
	06 October, 1992 (06.10.92), Full text; all drawings		
	(Family: none)		
X	JP 5-110513 A (General Instr	rument Corp.),	1-8
	30 April, 1993 (30.04.93), Full text; all drawings		
	•	503512 A2	-
	& CA 2062018 A		
A	JP 7-170244 A (Matsushita El	ectric Industrial	8
4.3	Co., Ltd.),	ecciic industriar	0
	04 July, 1995 (04.07.95),		
	Full text; all drawings		
	(Family: none)		
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
<u>-</u>	gories of cited documents: efining the general state of the art which is not considered	"T" later document published after the inte	
to be of part	icular relevance	the principle or theory underlying the in	
"E" earlier application or patent but published on or after the international filing date		"X" document of particular relevance; the considered novel or cannot be considered.	laimed invention cannot be dered to involve an inventive
"L" document which may throw doubts on priority claim(s) or which is		step when the document is taken alone	icied to involve an inventive
cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive	
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than		combined with one or more other such being obvious to a person skilled in the	documents, such combination
the priority of	ablished prior to the international filing date but later than date claimed	"&" document member of the same patent f	
T		T	
Date of the actual completion of the international search 05 October, 2005 (05.10.05)		Date of mailing of the international search 25 October, 2005 (2	•
05 0000	2003 (03.10.03)	25 Occober, 2005 (2	3.10.03/
	g address of the ISA/	Authorized officer	
Japanes	se Patent Office		
Facsimile No.		Telephone No.	
Form PCT/ISA/21	0 (second sheet) (January 2004)		

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International application No.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT .	1
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1998/031133 A2 (FOXCOM LTD.), 16 July, 1998 (16.07.98), Full text; all drawings & JP 2002-516047 A & US 6486907 B1 & EP 965223 A2 & IL 119972 A & AU 5339198 A & BR 9806737 A & CA 2308137 A & CN 1265250 A	9-10
X	JP 11-103288 A (Matsushita Electric Industrial Co., Ltd.), 13 April, 1999 (13.04.99), Full text; all drawings & US 6459519 B1 & EP 877495 A2 & KR 274701 B	. 9-10
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PCT/JP2005/014447

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: 1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows: The invention relating to claims 1-8 relates to "an optical signal receiver characterized by comprising photoelectric conversion means for converting an optical signal received into an electric signal, and frequency conversion means for converting the electric signal converted by said photoelectric conversion means, into a lower frequency". The invention relating to claims 9-10 relates to an optical signal transmitter characterized by comprising modulation means for modulating an optical signal in intensity with the RF signal of a satellite broadcasting.
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.